

Message

From: [Nonresponsive based on revised scope]@erllc.com]
Sent: 6/3/2020 12:36:57 PM
To: Wagner, Christine [Wagner.Christine@epa.gov]
Subject: FW: [EXT]RE: Last week - Follow- up
Attachments: logs-1172019_qc.xlsx

Chris,
FYI. See attached. I did find a list of the rad objects onsite but it is not complete there are ~409 items on this spreadsheet and we have 450 items in conex.

[Nonresponsive based on revised scope]

From: [Nonresponsive based on revised scope]@WestonSolutions.com>
Sent: Thursday, December 12, 2019 3:40 PM
To: [Nonresponsive based on revised scope]@erllc.com>; [Nonresponsive based on revised scope]@perma-fix.com, [Nonresponsive based on revised scope]@perma-fix.com, [Nonresponsive based on revised scope]@perma-fix.com
Cc: [Nonresponsive based on revised scope]@WestonSolutions.com>; [Nonresponsive based on revised scope]@WestonSolutions.com>
Subject: RE: [EXT]RE: Last week - Follow- up

[Nonresponsive based on revised scope]

Attached is an excel file with the rough data we collected from all the items. Yellow highlights on the smear values indicate they were above the MDA. Linked below are zip files including all of the item photos and spectra in case anyone is interested. Based on our assessment, we have the following:

Radium-226— about 338 items

Cesium-137 items — 11 items — Items P-208, 51-1, 51-2, 49-1, 49-2, 46-1, 45-1, 45-2, 42-2, 39-13, and 38-6

Strontium-90 items — 1 items — Item 43-1

There is one additional item (P-229), which may be Th-232 or Ra-228, but has very low activity and we are currently discussing with EPA whether it needs to be disposed of.

[Photos](#)

[Spectra](#)

If anyone has any questions about stuff, they are welcome to give me a call or email.

[Nonresponsive based on revised scope]

From: Nonresponsive based on revised scope [redacted]@erllc.com]
Sent: Tuesday, November 19, 2019 11:39 AM
To: Nonresponsive based on revised scope [redacted]@WestonSolutions.com>
Subject: FW: [EXT]RE: Last week - Follow- up

**** External Email ****

See below. Perma-Fix contact on drum #2 discussion.
Feel free to contact them with any questions.

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Fax (636) 680-2545
Shiloh Church Road Site
17060 LP. Bailey Memorial Highway
Nathalie, VA 24577
www.erllc.com

From: Nonresponsive based on revised scope [redacted]@perma-fix.com>
Sent: Monday, October 28, 2019 10:00 AM
To: Nonresponsive based on revised scope [redacted]@erllc.com>
Cc: Nonresponsive based on revised scope [redacted]@perma-fix.com>; Nonresponsive based on revised scope [redacted]@perma-fix.com>
Subject: [EXT]RE: Last week - Follow- up

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Good morning [redacted]

I am back in the office this week, back from being on vacation.

When I got to the office this morning I discussed the Drum #2 waste with [redacted] Since it has been determined that Ra-226 is not the only radionuclide of concern, additional characterization is recommended for the Drum #2 waste. What really needs to happen is that we need to determine on the pail level what the isotopes are contained within each of the pails. If a pail contains mixed radionuclides then they will need to be either sorted out (so that only one nuclide is in the pail) or a gamma spec of the pail will need to be performed to identify the activity per nuclide per pail.

If we have mixed nuclides per pail, that may limit where the waste could be disposed of.

Perma-Fix can provide these services. If you would like for us to do this work, please work with [redacted] on the contracting for the work.

I hope that this helps. If you have any questions, please do not hesitate on contacting me.

Take care,

Nonresponsive based on revised scope

Senior Waste Management Lead
Perma-Fix Environmental Services, Inc.
1093 Commerce Park Dr., Suite 300

Oak Ridge, TN 37830

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<http://www.perma-fix.com>

From: Nonresponsive based on revised scope [REDACTED]@erllc.com]

Sent: Monday, October 21, 2019 8:58 AM

To: Nonresponsive based on revised scope [REDACTED]@perma-fix.com

Subject: Last week

Chris,

Morning and Happy Monday. Hope you had a great weekend in WV.

Hey thanks for coming out last week and repackaging the drum. Look forward to having Perma-Fix back out here to package up drum #2. When you get a chance could you please tell me what you need from each 5 gallon pail that we have the objects in to help you with the packaging?

Have a great day.

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Fax (636) 680-2545
Shiloh Church Road Site
17060 L.P. Bailey Memorial Highway
Nathalie, VA 24577
www.erllc.com

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